

1. DEFINITION OF TERMS

Except where the context expressly states another meaning, the following terms shall have the following meanings whenever used in this Tariff:

Alternate Receipt Point. The term "Alternate Receipt Point" shall mean all other receipt points of Northern system other than those defined as Primary Receipt Points.

Billing Day. The term "billing day" shall mean the period of twenty-four (24) consecutive hours beginning at 9:00 a.m. central clock time and ending at 9:00 a.m. central clock time the following twenty-four (24) hour period.

Billing Month. The term "billing month" shall mean the period from 9:00 a.m. central clock time the 1st day of the calendar month to 9:00 a.m. central clock time the 1st day of the succeeding calendar month.

British Thermal Unit (Btu). The term "British thermal unit" ("Btu") shall mean the amount of heat required to raise the temperature of one pound of water from fifty-nine degrees Fahrenheit (59 F) to sixty degrees Fahrenheit (60 F).

Business Day. The term "Business Day" shall mean Monday through Friday, excluding Federal Banking Holidays.

Bypassing Small Customers. The term "Bypassing Small Customers" shall mean Small Customers that have reduced their entitlement on Northern's system that is serving existing load and that thereafter serve that existing load with incremental or new entitlement on another pipeline. Entitlement shall refer to the total TF12 Base, TF12 Variable, TF5, TFX of five months or longer and GST service that is in effect at the time that any reduction is made.

Calendar Year. The term "calendar year" shall mean a period beginning on the first day of January of each year and ending on the first day of the succeeding January.

Central Clock Time (CCT). The term "central clock time" or "CCT" shall mean Central Standard time throughout the year, as adjusted for Central Daylight time.

Contract Year. "Contract Year" shall mean a one year period commencing on the November 1 Gas Day and extending twelve months through October 31.

Cricondentherm Hydrocarbon Dew Point (CHDP) - The term "cricondentherm hydrocarbon dew point," or "cricondentherm temperature" shall mean the highest dew point temperature seen on a liquid-vapor curve for gas over a range of pressure, i.e., 200-1400 pounds per square inch absolute (psia).

Cubic Foot. The term "cubic foot" shall mean the volume of gas which occupies one cubic foot when such gas is at a temperature of sixty degrees Fahrenheit (60 F), and at a pressure of fourteen and seventy-three hundredths pounds per square inch absolute (14.73 psia) and corrected for deviation from ideal gas behavior.

Commission. The term "Commission" or "FERC" shall mean the Federal Energy Regulatory Commission or any successor federal governmental body or agency which is given the authority to regulate, review and/or oversee, in total or in part, the activities of interstate natural gas pipeline companies.

Day. The term "day" shall mean a period of twenty-four (24) consecutive hours, beginning at 12:00 Midnight CCT, and ending at 12:00 Midnight CCT, the following twenty-four (24) hour period.

Deferred delivery point. The term "deferred delivery point" or "storage point" shall mean the point at which the Shipper has natural gas quantities transported to or received from Northern on a deferred basis.

Dekatherm. The term "dekatherm" (also spelled decatherm) or "Dth," which is equal to 10 therms, shall be the standard unit of measure for energy content. A dekatherm is one million (1,000,000) British thermal units. The Btu is measured on a total heating value (also known as gross heating value and higher heating value) basis. A dekatherm shall be the standard unit of quantity.

Delivery Point. The term "Delivery Point" or "Point of Delivery" shall mean the point, which may or may not be a physical point, at which Northern delivers gas to the Shipper.

Delivery Point Operator. The term "Delivery Point Operator" shall include any person interconnected to Northern or acting as agent for the interconnected party who is authorized to confirm Shipper delivery point nominations and ensure, in cooperation with the Shipper and other parties in the confirmation path, that physical flows conform to the delivery point nominations. The Delivery Point Operator must have the ability to control or cause the control of the physical operation of the facilities interconnected to Northern.

Electronic Transmission. The term "electronic transmission" shall mean a mutually agreeable means of data communication whereby data is input by the Shipper directly into Northern's internal system applications either by keypunch or by means of electronic data file processing.

Field Area. The term "Field Area" will mean the geographical area located south of the inlet to Northern's Clifton Compressor Station in Clay County, Kansas.

F/M Demarcation. The F/M Demarcation is a point of interest (POI) located at the inlet to the Clifton Compressor Station, which is the boundary between the Market and Field Area. The F/M Demarcation POI may be used as a delivery point in the Market or Field Area or a receipt point in the Market Area or Field Area.

Fuel. The term "Fuel" shall mean the volume of gas used for fuel.

Gas. The term "gas" shall mean natural gas, manufactured gas, propane-air gas or any mixture of hydrocarbons or of hydrocarbons and non-combustible gases, in a gaseous state, consisting predominantly of methane determined on a Dth basis.

Gas Day. The term "Gas Day" shall mean a period of twenty-four (24) consecutive hours, beginning and ending at 9:00 a.m. central clock time.

Global Settlement. The Stipulation and Agreement of Settlement filed May 7, 1993 in Docket Nos. RS92-8, RP92-1, et al.

GS Customers. Grandfathered GS Customers are those eligible for service under Rate Schedule GS-T who were GS sales customers as of May 18, 1992, as stated on Appendix C to the Global Settlement and found in Part 10 of this Tariff.

Local Distribution Company. The term "Local Distribution Company" or "LDC" shall mean any person, including a municipally owned/cooperative distribution company, other than any interstate pipeline or intrastate pipeline, owning pipeline facilities for, and engaged in the transportation or local distribution of natural gas and the sale of natural gas for ultimate consumption.

Market Area. In describing the location of Northern's facilities, the term "Market Area" shall mean the geographical area located north of the inlet to Northern's Clifton Compressor Station in Clay County, Kansas.

Mcf. The term "Mcf" shall mean 1,000 cubic feet of gas.

MDQ. The term "MDQ" shall mean the total volume of natural gas Northern is obligated to transport, under the terms of the applicable Rate Schedule, on a daily basis from the Primary Receipt Points to the Primary Delivery Points. Primary Receipt Point entitlements and Primary Delivery Point entitlements shall equal.

MID. The term "MID" shall mean the mileage indicator district as shown in the Tariff MID Map posted on Northern's Internet website. MIDs are used to distinguish geographic areas where receipts and delivery points are located.

Month. The term "month" or "calendar month" shall mean the period beginning on the first Gas Day of the calendar month following initial delivery and ending on the first Gas Day of the next succeeding calendar month.

NAESB. The North American Energy Standards Board (NAESB) (formerly Gas Industry Standards Board ("GISB")).

New Services Settlement. The Stipulation and Agreement of Settlement filed in Northern's proceedings on March 29, 1991 in Docket No. RP88-259 et al., including Northern's Fourth Revised Volume No. 1 of Northern's FERC Gas Tariff.

OBA. An Operational Balancing Agreement "OBA" is a contract between two parties that specifies the procedures to manage operating variances at the point(s) included in the agreement.

Operational Zone. The term "Operational Zone" shall refer to the geographical divisions of Northern's Market Area, A-B-C, D and E-F; and the Field Area, Argus as shown on the map on Northern's website at <https://www.northernnaturalgas.com/infopostings/regulatory/Pages/Tariff-Maps.aspx>.

Out-of-Balance Volumes. The Out-of-Balance Volumes shall be the difference between the volumes scheduled at a delivery point and volumes actually delivered to the delivery point.

Primary Delivery Point. The term "Primary Delivery Point" shall mean those delivery points listed on Appendix A of the TF or TFX Service Agreement with a specified firm volume assigned.

Primary Receipt Point. The term "Primary Receipt Point" shall mean those receipt points listed on Appendix A of the TF or TFX Service Agreement with a specified firm volume assigned. In addition, a MID pooling point will be considered a Primary Receipt Point to the extent the Shipper holds primary receipt capacity within the same MID.

Purchaser. The term "Purchaser" shall mean any entity purchasing gas from Northern in accordance with the provisions of this Tariff.

Receipt Point. The term "Receipt Point" or "Point of Receipt" shall mean the point, which may or may not be a physical point, at which the Shipper delivers gas to Northern.

Receipt Point Operator. The term "Receipt Point Operator" shall include any person interconnected to Northern or acting as agent for the interconnected party who is authorized to confirm Shipper receipt point nominations and insure, in cooperation with the Shipper and other parties in the confirmation path, that physical flows conform to the receipt point nominations. The Receipt Point Operator must have the ability to control or cause the control of the physical operation of the facilities interconnected to Northern.

Recourse Rate. The term "Recourse Rate" shall mean the Commission approved maximum Tariff rates as set forth in Part 4, as modified from time to time.

Releasing Shipper. The term "Releasing Shipper" shall mean a Shipper who has firm contractual rights on Northern's system and is offering to release or has released its capacity.

Replacement Shipper. The term "Replacement Shipper" shall mean a Shipper who has acquired capacity from a Releasing Shipper.

Right of Way Grantor. The term "Right of Way Grantor" shall mean a party who grants a strip of land, the use of which is acquired for the construction and operation of the pipeline.

Section 1. The term "Section 1" shall mean the fuel zone located in the Field Area that represent the Permian Area portion of Northern's system. Includes MIDs 1-7.

Section 2. The term "Section 2" shall mean the fuel zone located in the Field Area that represent the Mid-Continent portion of Northern's system. Includes MIDs 8-16B.

Section 3. The term "Section 3" shall mean the fuel zone that represent the Market Area portion of Northern's system. Includes MID 17.

Shipper. The term "Shipper" shall be defined to be a party who: (1) requests transportation under a Throughput Service Rate Schedule; or (2) executes a Throughput Service Agreement.

Small Customers. Small Customers are those listed on Appendix C of the Global Settlement and found in Part 10 of this Tariff.

Storage point. The term "storage point" or "deferred delivery point" shall mean the point at which the Shipper has natural gas quantities transported to or received from Northern on a deferred basis.

Summer Season. The consecutive months April through October.

Tariff. The term "Tariff" shall mean Northern's FERC Gas Tariff.

Thermally Equivalent Volumes. The term "thermally equivalent volumes" shall mean that during any given period of time the volumes of gas delivered hereunder at the Point(s) of Delivery multiplied by the total heating value of the gas at the delivery point(s) shall equal the volumes of gas received at the point(s) of receipt multiplied by the total heating value of the gas at the receipt point(s).

Tier Relationship Factors. The term "Tier Relationship Factors" shall mean the mathematical relationship of the rates for the Market Area TF12 Base, TF12 Variable, and TF5, and the Field Area TFF Throughput Services. The Tier Relationship Factors for the Reservation Rates shall be as follows:

	Services	Winter Months (Nov-Mar)	Summer Months (Apr-Oct)	Annual
Market Area:	TF 12 Base	1.35	.75	12.0
	TF 12 Variable	1.83	.75	14.4
	TF 5	2.00	N/A	10.0
Field Area:	TFF	1.35	.75	12.0

Tolling Agreement. A tolling agreement or arrangement means that the owner of the electric generator has agreed with an LDC to convert natural gas owned and provided by the LDC to electricity owned by the LDC.

Total or Gross Heating Value. The term "total or gross heating value" means the total calorific value, expressed in Btus when one cubic foot of anhydrous gas at sixty degrees Fahrenheit (60 F) is combusted with dry air at the same temperature and the products of combustion are cooled to sixty degrees Fahrenheit (60 F). The Btu specified is on a higher heating value (HHV) basis. A conversion factor is required to convert lower heating value to a higher heating value basis to correctly calculate the expected fuel usage of certain equipment. For estimating purposes, the higher heating value of natural gas is approximately 10 percent more than the lower heating value.

Town Border Station (TBS). The term "Town Border Station" ("TBS") shall mean the physical location where the LDC receives gas from Northern. The TBS generally consists of facilities to regulate gas pressure and measure gas quality and volumes.

UAF. The term "UAF" shall mean unaccounted-for gas.

Unauthorized Gas. "Unauthorized Gas" shall mean any volumes delivered to Northern from receipt points which have not been nominated in any amount by any Shipper for that month and which have not been scheduled by Northern.

Valid Request. Any reference in this Tariff to a "valid request" used in conjunction with Part 8, Section 26 "Requests for Service" shall also include any requests submitted electronically through Northern's Internet website.

Winter Season. The consecutive months November through March.

Wobbe Index - The term "Wobbe Index" shall mean a number which indicates the interchangeability of gas. The Wobbe Index is determined by dividing the higher heating value of the gas in Btu per standard cubic foot by the square root of its specific gravity with the respect to air. Wobbe Index is used as an indicator of the heat release rate of combustion equipment employing fixed orifices such as boilers, stoves, water heaters, and furnaces.

Year. The term "year" shall mean a period of 365 consecutive days; provided, however, that any such year which contains a date of February 29 shall consist of 366 consecutive days.

Workday. The term "Workday" shall mean the days that Northern has its business offices open in the normal course of business.